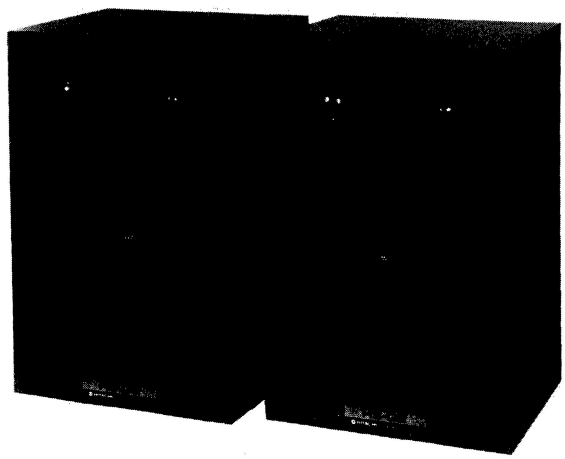
HITACHI
SERVICE MANUAL

TY | **No. 316 EGF**

HS-G2



SPECIFICATIONS

Enclosure type	Bass reflex type
Volume of enclosure	19 litres
Loudspeakers	
Woofer	20 cm (8 in.)
Midrange	6.5 cm (2.5 in.)
Tweeter	5 cm (2 in.)
Frequency response	45–20,000 Hz (–15 dB)
Crossover frequencies	3,000 Hz, 13,000 Hz
Nominal impedance	8 ohms
Rated input power	60 W (DIN)
Max. input power	100 W (Music signal peak)
Output sound pressure level	90 dB (1 W, 1 m)
External dimensions	27.2 (W) x 40.7 (H) x 23.5 (D) cm
Finish	Bronze (Vinyl)
Weight	6 kg
Accessory	Speaker cord

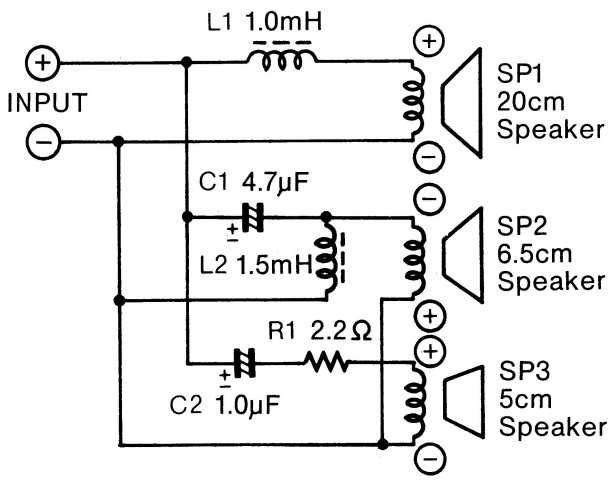
* The contents described in this manual may be revised without notice.

TECHNISCHE DATEN

Bauart	Baßreflex
Volumen	19 Liter
Lautsprecher	
Tieftöner	20 cm (8 in.)
Mitteltöner	6,5 cm (2,5 in.)
Hochtöner	5 cm (2 in.)
Frequenzgang	45–20 000 Hz (–15 dB)
Übergangsfrequenz	3 000 Hz, 13 000 Hz
Nennimpedanz	8 Ohm
Nennbelastbarkeit	60 W (DIN)
Spitzenbelastbarkeit	100 W (Musiksignalspitze)
Schalldruckpegel	90 dB (1 W, 1 m)
Außenabmessungen	27,2 (B) x 40,7 (H) x 23,5 (T) cm
Ausführung	Bronze (Vinyl)
Gewicht	6 kg
Zubehör	Lautsprecherkabel

* Änderungen dieser Anleitung vorbenalten.

CIRCUIT DIAGRAM·SCHALTPLAN·PLAN DE CIRCUIT



CARACTERISTIQUES TECHNIQUES

Type du coffret	Basse reflex
Volume du coffret	19 litres
Haut-parleurs	
Woofer	20 cm (8 in.)
Medium	6,5 cm (2,5 in.)
Tweeter	5 cm (2 in.)
Réponse de frequence	45–20 000 Hz (–15 dB)
Fréquence de recouvrement	3 000 Hz, 13 000 Hz
Impédance nominale	8 ohms
Puissance d'entrée nominale	60 W (DIN)
Puissance d'entrée max.	100 W (Crête de signal musical)
Niveau de pression sonore en sortie	90 dB (1 W, 1 m)
Dimensions extérieures	27,2 (L) x 40,7 (H) x 23,5 (P) cm
Finition	Bronze (vinyle)
Poids	6 kg
Accessoire	Cordon d'enceinte

* Le contenu de cette brochure est sujet à modifications sans avis préalable.

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.

SPEAKER SYSTEM

REPLACEMENT PARTS LIST·ERSATZTEILLISTE·TABLEAU DES PIECE

SYMBOL No.	PART No.	DESCRIPTION		
CAPACITORS				
C1	0257205	Electrolytic	4.7μF	50V
C2	0257201	Electrolytic	1μF	50V
RESISTOR				
R1	0149155	Wire-wound	2.2Ω ±10%	5W
COILS				
L1	2227121	Network coil-1.0mH		
L2	2227971	Network coil-1.5mH		

SYMBOL No.	PART No.	DESCRIPTION
MISCELLANEOUS		
SP1	2402171	Speaker-20cm speaker (Woofer)
SP2	2402181	Speaker-6.5cm speaker (Midrange)
SP3	2402191	Speaker-5cm speaker (Tweeter)
	4443152	Woofer cover
	4900432	Packing (for woofer)
	4688341	Rubber steeve (for woofer cover)
	4584501	5øx30 tapping screw (for woofer cover)
	4584511	5øx25 tapping screw (for midrange,tweeter)
	4577041	4øx20 tapping screw (for woofer)
	9001062	Cabinet ass'y
	4020911	Network ass'y
	2700112	Speaker junction cord

CHARACTERISTICS·TECHNISCHE DATEN·CARACTERISTIQUES

Measuring room	Anechoic chamber
Measuring equipment	
Condenser microphone	B & K Type 4133
Level recorder	B & K Type 2305
Audio frequency analyzer	B & K Type 1902, 2010
Power amplifier	KROHN-HITE UF-101A

Meβraum	Schalltoter Raum
Verwendete Meβgeräte	
Kondensatormikrofon	B & K Type 4133
Pegelschreiber	B & K Type 2305
NF-Analysator	B & K Type 1902, 2010
Meβverstärker	KROHN-HITE UF-101A

Chambre de mesure	Chambre sourde
Equipement de mesure	
Microphone capacitif	B & K Type 4133
Traceur de courbes	B & K Type 2305
Spectromètre	B & K Type 1902, 2010
Amplificateur de puissance	KROHN-HITE UF-101A

Frequency response, harmonic distortion and impedance curves

Mic position: 1 m on the center line of tweeter
Input: 2.83 V
Harmonic measurement: Automatic continuous heterodyne analysis

---

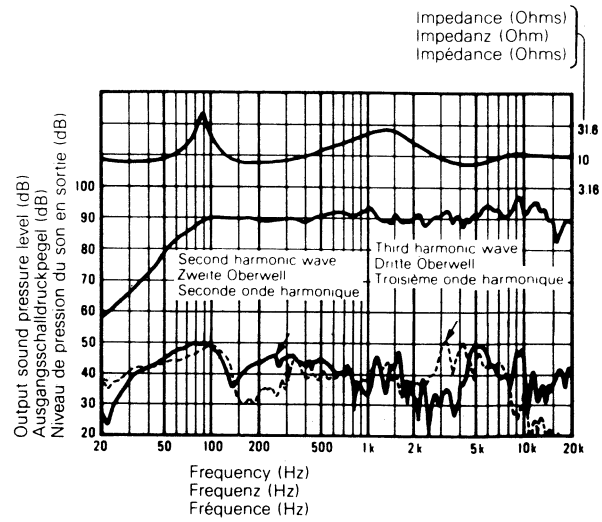
Frequenzgang, Klirrfaktor-und Impedanz-kurven

Stellung des Mikrofons: 1 m auf der Mittellinie des Hochtöners
Eingang: 2,83 V
Klirrfaktormessung: Kontinuierliche automatische Heterodyn-Analyse

---

Courbe de réponse en fréquence, courbe de distorsion harmonique et courbe d'impédance

Position du micro: A 1 m sur la lingne centrale du tweeter
Puissance d'entrée: 2,83 V
Mesure harmonique: Analyse hétérodyne automatique et continue



Hitachi, Ltd. Tokyo Japan

Head Office : 5-1, 1-chome, Marunouchi, Chiyoda-ku, Tokyo 100, Japan
Tel. : Tokyo (212) 1111
Cable Address : "HITACHY" TOKYO

Printed in Japan (S)